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(54) PHOTOELECTRODE AND PIGMENT SENSITIZED SOLAR CELL
COMPRISING IT

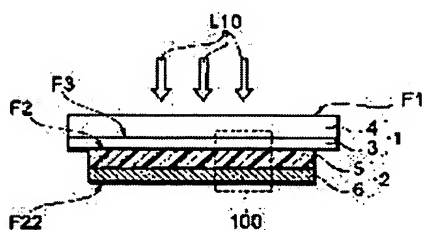
(57)Abstract:

PROBLEM TO BE SOLVED: To provide a photoelectrode having an excellent incident light utilization rate and pigment sensitized solar cell having excellent energy conversion efficiency.

SOLUTION: This photoelectrode 10 comprises a

semiconductor electrode 2 having a light receiving surface F2, and a transparent electrode 1 arranged close on the light receiving surface.

The semiconductor electrode has a light scattering layer 6 containing bar and/or plate metal oxide particles to scatter light reflected from the light receiving surface. The bar metal oxide particles have a diameter of 40-200 nm and an aspect ratio of 2.5 or larger. The plate metal oxide particles have a diameter of 40-200 nm and aspect ratio of 2.5 or larger.



LEGAL STATUS

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